

XP-002223049

AN - 1984-242742 [39]

AP - SU19823507167 19821102

CPY - IRKU

DC - D16 E14 F09

DR - 0562-U 0868-U 1041-U 1173-U

FS - CPI

IC - C02F3/34 ; C12N15/00 ; C12R1/00

IN - CHEMERILOV V I; KHARLAMOV V M; PAVLENKO V V

MC - D04-B04 D04-B06 D04-B11 D05-H E10-E02 F05-A02B F05-A02C

M3 - [01] G011 G013 G100 H4 H401 H441 H5 H541 H8 M210 M211 M272 M281 M320  
M414 M510 M520 M531 M540 M750 M903 M910 N131 N163 Q324 Q431

- [02] G010 G013 G100 H4 H401 H402 H441 H442 H8 M280 M320 M414 M510 M520  
M531 M540 M750 M903 M910 N131 N163 Q324 Q431

PA - (IRKU) IRKUTSK ZHDANOV UNIV

PN - SU1071637 A 19840207 DW198439 003pp

PR - SU19823507167 19821102

XA - C1984-102554

XIC - C02F-003/34 ; C12N-015/00 ; C12R-001/00

AB - SU1071637 Yeast strain *Exophiala nigrum* R-11 is useful in  
paper-making, petrochemical etc. industries.

- The strain grows pref. at 20-25 deg. C; no growth occurs at 30-37 deg.  
C.

- ADVANTAGE - The strain is non-pathogenic and has good activity.

- In an example, the strain is grown at 25 deg. C on a wort agar or a  
glucose-peptone medium.

- 100 mls. of water contg. hydroquinone, phenol and guaiacol in a concn.  
of (10 power minus 3)M is dosed with a suspn. of 2g of the strain and  
in 24 hrs. the degree of hydroquinone removal is 86.2%, phenol 83.4%  
and guaiacol 82.3%.

- Bul.5/7.2.84

- (3pp Dwg.No 0/0)

IW - YEAST STRAIN NIGRUM REMOVE PHENOL LIGNIN AQUEOUS EFFLUENT

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INW - CHEMERILOV V I; KHARLAMOV V M; PAVLENKO V V

NC - 001

OPD - 1982-11-02

ORD - 1984-02-07

PAW - (IRKU) IRKUTSK ZHDANOV UNIV

TI - Yeast strain *Exophiala Nigrum* R-11 - removes phenol(s) and lignin from  
aq. effluent(s)